

Drive Device Comprising a Gear Unit and a Motor Unit

Abstract

A drive device has a gear unit having a gear shaft and a motor unit having a motor shaft drivingly connected to the gear shaft. At least one cooling unit is arranged within the drive device for dissipating thermal losses. The cooling unit can be arranged in the gear unit or between the gear unit and the motor unit. For example, the cooling unit has at least one fan that can be arranged in a coupling unit between the gear unit and the motor unit. Instead of or in addition to the fan, a cooling liquid flowing through a flow chamber can be used.